

# CODE ALARM

**PROFESSIONAL  
SERIES**

**CA 5050  
Owner's Guide**

***Remote Start System with  
Keyless Entry***



**IMPORTANT NOTE:** The operation of the Security and Convenience System as described in this manual is applicable to most vehicles. However, due to the configuration of some vehicles, some functions AND/OR SAFETY PRECAUTIONS may not apply. Please see your installing dealer for more information.



# Table of Contents

<b>Using Your Remote Control .....</b>	<b>3</b>
Using the Keyless Entry .....	3
Activating Trunk Release (optional) .....	3
Using the Progressive Car Finder Feature .....	3
Using the Personal Protection Alarm .....	3
Valet Mode .....	3
 <b>Using Your Remote Vehicle Starter .....</b>	 <b>4</b>
Remote Starting Your Vehicle .....	4
Entering Your Vehicle while it is Running via Remote Start .....	4
Preheating or Precooling the Vehicle's Interior .....	4
Using the "Quick-Stop" Feature .....	4
Operating the 2 / 3 Hour Start Up Timer Mode .....	5
Operating the Daily Start Timer .....	5
Remote Start Safety Features .....	6
 <b>Transmitter Button Functions .....</b>	 <b>6</b>
<b>Replacing Remote Control Batteries .....</b>	<b>6</b>
<b>Warranty Information .....</b>	<b>7</b>



## Using Your Remote Control

### Using the Keyless Entry


The  button is used to lock the vehicle's doors, the  button is used to unlock the vehicle's doors. To lock or unlock the doors simply press and release the desired function button one time. For your convenience, the parking lights will flash once when the doors are unlocked and twice when the door are locked.

NOTE: The system is defaulted with Silent Choice enabled, which requires a second press of the  or  button to activate an audible locking/unlocking response from the vehicle.





### Activating the Trunk Release Feature (Optional)

The  button is used to open the trunk of the vehicle. To open the vehicle's trunk press and hold the  button for 3 seconds.

### Using the Progressive Car Finder Feature

Press the  button to locate your vehicle. The system will sound 5 times at low volume, increasing in volume each time the button is pressed.

### Using the Personal Protection Alarm (Panic)



Press and hold the  button for 3 seconds to activate the personal protection alarm. During panic mode, the normal function of the transmitter buttons will be suspended. The transmitter's  and  buttons can be used to lock and unlock the door (if the option is installed). To stop the alarm, press and hold the  button on the transmitter again for 3 seconds. The system will automatically stop after 30 seconds.

### Valet Mode

Valet Mode is used to disable the system from remote starting. To enter or exit valet mode simply follow the 4 steps outlined below:

1. Turn the vehicle's ignition ON.
2. Push and hold the programming/valet button.
3. The LED will turn on solid when valet mode is active
4. Release the programming/valet button.

### **Remote Starting Your Vehicle**

To activate the remote vehicle start function, press and release the  button 2 times within 2 seconds. The system will sound, the parking lights will flash 1 time and the system will check the vehicle to ensure it is safe to start. If all safety parameters are correct, the vehicle will start within 5 seconds. The vehicle's parking lights will turn on (or flash depending on system settings) as a visual indication that the vehicle has started and is running. Press and hold the  button for 3 seconds to turn the vehicle off.

If your vehicle stalls or does not start, the system will pause 5 seconds, then try 2 more times to start the vehicle (a total of 3 attempts). The system will pause 5 seconds between each start attempt. If the vehicle does not start after the 3rd attempt, the system will abort the remote vehicle start process.

### **Entering the Vehicle while it is Running via Remote Vehicle Start**

1. Unlock the vehicle's doors.
2. Enter the vehicle. DO NOT PRESS THE BRAKE PEDAL!
3. Insert the key into the ignition switch and turn to the ON or RUN position.
4. Press the brake pedal. The remote vehicle starter will disengage and the vehicle will operate normally.



### **Preheating or Precooling the Vehicle's interior**

Before exiting the vehicle, set the temperature controls to the desired setting and operation. After the system starts the vehicle, the heater or air conditioner will activate and heat or cool the vehicle's interior to your setting.

### **Using the "Quick-stop" Feature**

If you want to make a short stop and keep your vehicle running (to keep the interior warm or cool), the quick-stop feature allows you to do this while keeping your vehicle secure and your keys with you.

#### **To engage quick stop:**

1. Stop the vehicle and place the transmission in PARK.
2. With your foot off the brake pedal, press and release the  button 2 times within 2 seconds. The LED will flash 3 times to confirm quick stop is entered.
3. Remove the keys from the ignition and exit the vehicle. Press the  button to lock the vehicle's doors if desired.

**Note:** Do not leave children or animals unattended in the vehicle when using the quick-stop feature.


### **Operating the 2 / 3 Hour Start Up Timer Mode**

The system has the ability to start the vehicle every 2 or 3 hours for a 48 hour period. This feature is especially useful in cold climates where the only means to keep the engine and engine fluids warm is to periodically start the engine. The default setting is 3 hour, selection between 2 or 3 hour is made in option programming.

#### **WARNING!**

Be certain that the vehicle is outdoors before using this or any remote starting device. A running engine produces dangerous carbon monoxide fumes which can be harmful or fatal if prolonged exposure occurs. DO NOT remote start the vehicle if it is garaged.



#### **To begin the 2 / 3 hour start up timer mode:**


1. Turn the vehicle's ignition ON then OFF.
2. Press and hold the valet button.
3. Press the  button 4 times, the system will chirp 2 times and flash the parking lights 4 times.
4. Release the valet button.

#### **To exit the 2 / 3 hour start up timer mode:**

1. Turn the vehicle's Ignition ON.  
**OR**
1. Activate the remote vehicle start feature using the remote control.

### **Operating the Daily Start Timer**

The system has the ability to start your vehicle based on a 24-hour countdown timer. This feature requires a two-part activation sequence. From the remote, pressing both the  &  buttons together will activate the 24 hour countdown timer (the vehicle will start 24 hours from this time). Next, When you are finished operating the vehicle for the day, perform the following steps to complete the process.

1. Turn the ignition ON/OFF (vehicle must be disarmed).
2. Within 10 seconds, while pressing the brake, press and release the  button twice.
3. The vehicle will emit 2 chirps.

## Remote Start Safety Features

For safety and security reasons, the system will shutdown or prevent the remote vehicle starter from activating if any of the following occur:

1. The vehicle hood is open.
2. The brake pedal is pressed prior to turning the ignition key to the ON position.
3. The engine is over-reved (tach checking only).
4. Valet mode is active.

## Transmitter Button Functions

1 Way Transmitter	Lock	Unlock	Car Find / Panic	Start	Operation Method
Lock	X				Press and Release
Unlock		X			Press and Release
Trunk		X			Push and Hold (3 Sec)
Car Finder			X		Press and Release
Panic			X		Push and Hold (3 Sec)
Remote Start				X	Press and Release (1 or 2 times depending on selectable option)
Remote Start Shut Down				X	Push and Hold (3 Sec)
2 / 3 Hour Start				X	Ignition ON/OFF, Press and Hold Valet Button, Press Start 4 times
Daily Start Timer	X			X	Press Lock + Start

## Replacing Remote Control Batteries

### 1-Way Remote Control:

The batteries (model CR2016) inside each remote control should last approximately 1 year under normal use. When the batteries become weak you will notice the remote control range (the distance from the vehicle the remote control will work) deteriorate and the small LED on the remote control will dim. To replace the remote control batteries:

1. Unsnap and disassemble the halves of the remote control.
2. Remove the old batteries, observing the +/- symbols on the batteries and replace with new CR2016 batteries.
3. Reassemble the halves of the remote control.
4. Test operation of the remote control.



### **Code Systems, Inc. Limited Lifetime Warranty**

Code Systems Inc. ("CODE") warrants to the ORIGINAL PURCHASER of this CODE vehicle security product (the "Product"), purchased from an authorized CODE dealer, that (except as provided below) should this Product under normal use and conditions, be proven defective in material or workmanship DURING THE LIFETIME OF THE VEHICLE IN WHICH IT WAS ORIGINALLY INSTALLED, such defect(s) will be repaired or replaced (at CODE's option) without charge for parts directly related to repairs of the defect(s).

Switches, indicator lights, and transmitter cases are similarly warranted to the original purchaser for a period of one (1) year from the date of purchase of the Product.

CODE accessories, sold separately, are covered by the applicable warranty accompanying the accessory.

This warranty is non-transferable, non-assignable and is voided when: (1) the Product is removed from the vehicle in which it was originally installed; or (2) the vehicle in which the Product was originally installed is transferred to another party.

This warranty does not apply to any product damaged by accident, physical or electrical abuse, improper installation, alteration, or use contrary to its intended function, fire, flood, or other natural acts.

In order for the Product to be repaired or replaced under the terms of this warranty, the defective Product must be returned to an authorized CODE dealer and accompanied by a copy of the retail sales receipt. The date of purchase and year, make and model of the vehicle in which the Product was originally installed must be clearly indicated on the sales receipt.

This warranty is exclusive and CODE MAKES NO OTHER WARRANTIES EXPRESSED OR IMPLIED. ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. IN NO CASE SHALL CODE BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER.

CODE does not warrant that the Product cannot be compromised or circumvented. THE EXTENT OF CODE'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT SHALL CODE'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY THE ORIGINAL PURCHASER OF THE PRODUCT WITHOUT INSTALLATION LABOR.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state

Audiovox Electronics Corporation.  
Customer Service 1-800-421-3209  
WWW.CODE-ALARM.COM

**FCC COMPLIANCE**

This device complies with Part 15 of the FCC rules and with RSS-210 of Industry Canada. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including any interference that may cause undesired operation.

**Warning!**

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.